462 roaming far afield in search of water and pasture. They work in the fields, milk the animals (with the exception, in some cases, of camels), gather the firewood, and fetch the water. They are not so careful to keep themselves veiled, finding it sufficient to draw their head cloths in front of their mouths. If she belongs to a nomadic tribe a woman will follow her husband in his search for grazing, carrying the household utensils, usually one large saucepan, on her head and the baby on her back. Only very occasionally do the women emigrate with their husbands, but we travelled with such a family on the start of their journey to Zanzibar to seek a fortune.

562 462 The remaining women are those of the poor townspeople, the female servants, slaves, or Subians. The last two are least particular about veiling. The others, no matter how poor, will always cover at least the lower part of their faces. Toil is the portion of all of them: they labour in the gardens, help the men and animals to draw water from the wells, and in many towns they are the principal water carriers, bearing their burden in skins slung across their backs. The servants and slave women in well-to-do houses lead an easier existence. They cook the food, do such cleaning as is ever done, and fetch and carry for the ladies of the household. Slaves may be taken as concubines, but find their husbands among their own class. They are much favoured, being brought up as members of the family, and, like many privileged retainers, usually become somewhat outspoken and domineering in their old age.

CHAPTER VII.

PRODUCTION AND RESOURCES OF THE HADHRAMAUT.

311 The natural resources of the Hadhramaut, such as they are, are principally agricultural. It is perhaps unnecessary to emphasise that only a very small proportion of the total area of the country, which may amount to 35,000 or 40,000 square miles, is suitable for the growing of crops. As a general rule only wadis can be so used and the bulk of the land surface consists of the barren rock of mountains and steppes.

Tobacco.

247 438 485 The principal crop of economic importance is the well-known Hamumi tobacco, and Gheil ba Wazir is the principal centre where it is grown. Practically speaking the production in that place is entirely Government-directed and all the land is State land.

312 The nurseries are situated about three miles from Gheil at Al Quf. Here there is an apparently inexhaustible, somewhat brackish, water supply at depths to about 30 feet from the surface. There are three deep pools which are tapped by subterranean channels for Gheil and Al Harth, the source of the Gheil water supply being called Humat al Farath, and that for Al Harth being called Humat al Harth. Along the line of channels from these pools there are

1: Ingrams G-5 (1934-35)1936 MM2 Hadhramaut MM2

at intervals of some 20 feet a series of shafts similar to those described in connection with the Mukalla water-supply. Humat al Harth is temporarily not giving water, as the level has fallen below the channel. At Al Quf itself there are a number of wells, and round each are nursery beds where the tobacco seedlings are grown. The beds are divided into patches three or four feet square and the seed close sown, so close that even where seed does not germinate the workers cut small scratches in the ground and plant fresh seed. When the seedlings are grown to a height of about three or four inches they are taken from Al Quf to Al Harth, about a mile and a-half away, and planted out in rows with intervals of a foot, or three-quarters of a *dhirra*, in beds of a size dependent on the amount of water. A bed is called *mutr*, plural *mutira*, and each is surrounded by a ridge to keep in the irrigation water. In due course the crop is gathered and dried. Drying barns are unknown.

The crop is financed by the merchants who advance the money to the cultivators and are paid back either monthly or after the crop. In the case of the Government lands at Gheil some cultivators pay their rent in advance and some after the crop. The rent of the whole area of the Sultan's land at Gheil is assessed before each season and the figure required communicated to his representative there. This official then rents out the land at a figure per acre based on the total sum required.

The total annual value of the crop is now estimated at five lakhs of which the Sultan receives Rs.120,000 in duty and ground rent. Production costs are estimated at three lakhs, so that the profit to the cultivators is Rs.80,000. In order to foster the local consumption of tobacco, there is a monopoly of imported cigarettes and pipe tobacco.

Of tobacco, Mr. H. M. Heald in his report of the Agricultural Mission to Mukalla says that in the Meifa valley " the cultivation of the tobacco received more attention than any other crop. . . . The seed was sown in a small plot of land which, in the large villages, had been heavily manured with sheep dung mixed with fine earth. When 40 days old the plants were transplanted into the small beds at distances of one foot apart, and again manured with fish : irrigation varied in the villages but generally every seven days.

" Topping of the terminal buds took place after all the leaves had been formed and the plants were ripe for cutting in four or five months, according to district and season. The plants were dried on the ground first singly and then in small bundles, and afterwards hung up in rows. After drying again in bundles, they were covered with sacks to promote fermentation, and then the plants were taken into the houses for further drying in the dark, and ready for transporting to the coast in a week or so. Practically no grading was done . . . and I am sure " he writes, " better prices would be obtained if more attention were paid to selection."

[241]

†[Tobacco -- Anakpt]